

re-run

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/527,076
Source: FWP
Date Processed by STIC: 2/16/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/527,076

DATE: 07/14/2006

TIME: 14:51:11

Input Set : N:\Crf4\Refhold\10_folder\J527076.raw

Output Set: N:\CRF4\07142006\J527076.raw

1 <110> APPLICANT: KUSHMARO, Ariel
 2 GERESH, Shimona
 3 <120> TITLE OF INVENTION: METHODS FOR ISOLATING AND CULTURING UNCULTURABLE
 MICROORGANISMS
 4 <130> FILE REFERENCE: KUSHMARO 1
 5 <140> CURRENT APPLICATION NUMBER: US/10/527,076
 6 <141> CURRENT FILING DATE: 2005-03-09
 7 <150> PRIOR APPLICATION NUMBER: IL 151660
 8 <151> PRIOR FILING DATE: 2002-09-09
 9 <150> PRIOR APPLICATION NUMBER: PCT/IL2003/000725
 10 <151> PRIOR FILING DATE: 2003-09-03
 11 <160> NUMBER OF SEQ ID NOS: 9
 12 <170> SOFTWARE: PatentIn version 3.1
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 26
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Artificial Sequence
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: Synthetic
 20 <220> FEATURE:
 21 <221> NAME/KEY: misc_feature
 22 <222> LOCATION: (17)..(18)
 23 <223> OTHER INFORMATION: y (residue 17) is c or t, m (residue 18) is a or c
 24 <400> SEQUENCE: 1
 25 ggatccagac ttgatymtg gctcag 26
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 30
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Synthetic
 33 <220> FEATURE:
 34 <221> NAME/KEY: misc_feature
 35 <222> LOCATION: (14)..(14)
 36 <223> OTHER INFORMATION: y (residue 14) is c or t
 37 <400> SEQUENCE: 2
 38 gtgaagctta cgytagctt gttacgactt 30
 40 <210> SEQ ID NO: 3
 41 <211> LENGTH: 1428
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Bacterium-partial 16S rDNA of unknown species from Red Sea coral mucus
 44 <400> SEQUENCE: 3
 45 agtcgaacgg cagcgcgaga gagcttgctt ttttggcggc gagggtgagta 60
 46 atatatcgga acgtgcccg tagcggggga taactactcg aaagagtggc taataccgca 120

RAW SEQUENCE LISTING

DATE: 07/14/2006

PATENT APPLICATION: US/10/527,076

TIME: 14:51:11

Input Set : N:\Crf4\Refhold\10_folder\J527076.raw

Output Set: N:\CRF4\07142006\J527076.raw

```

47   tacgcctac gggggaaagg gggggatcgc aagacctctc actattggag cggccgatat 180
48   cggattagct agttggtggg gtaaaggctc accaaggcaa cgatccgtag ctggtttgag 240
49   aggacgacca gccacactgg gactgagaca cggcccagac tcctacggga ggcagcagtg 300
50   gggaattttg gacaatgggg gaaacctga tccagccatc ccgcgtgtat gatgaaggcc 360
51   ttcgggttgt aaagtacttt tggcagagaa gaaaaggat cccctaatac gggatactgc 420
52   tgacggtatc tgcagaataa gcaccggcta actacgtgcc agcagccgcg gtaatacgt 480
53   ggggtgcaagc gttaatcgga attactgggc gtaaagcgtg tgtaggcggg tcggaaagaa 540
54   agatgtgaaa tcccaggggc tcaaccttgg aactgcattt ttaactgccg agctagagta 600
55   tgtcagaggg gggtagccat tccacgtgta gcagtgaat gcgtagatat gtggaggaa 660
56   accgatggcg aaggccgccc cctgggataa tactgacgct cagacacgaa agcgtgggga 720
57   gcaaacagga ttagataccc tggtagtcca cgccctaaac gatgtcaact agctgttggg 780
58   gccgttaggc cttagtagcg cagctaacgc gtgaagttga ccgctgggg agtacggtcg 840
59   caagattaaa actcaaagg aattgacggg accgcacaa gcggtggatg atgtggatta 900
60   attcgatgca acgcgaaaaa ccttacctac ccttgacatg tctggaaagc cgaagagatt 960
61   tggccgtgct cgcaagagaa ccggaacaca ggtgctgcat ggctgtcgtc agctcgtgtc 1020
62   gtgagatgtt ggggttaagt cgcgaacgag cgcaaccctt gtcattagtt gctacgcaag 1080
63   agcactctaa tgagactgcc ggtgacaaac cggaggaagg tggggatgac gtcaagtcct 1140
64   catggccctt atgggtaggg cttcacacgt catacaatgg tcgggacaga gggtcgccaa 1200
65   cccgcgaggg ggagccaatc tcagaacctc gatcgtagtc cggatcgag tctgcaactc 1260
66   gactgcgtga agtcggaatc gctagtaatc gcggatcaga atgtcgcggt gaatacgttc 1320
67   ccgggtcttg tacacaccgc ccgtcacacc atgggagtggt gtttcaccag aagtaggtag 1380
68   cctaaccgta aggaggcgcc ttaccacggt gggaaatcat actgggag 1428

```

70 <210> SEQ ID NO: 4

71 <211> LENGTH: 1382

72 <212> TYPE: DNA

73 <213> ORGANISM: Bacterium-partial 16S rDNA of unknown species from Red Sea coral mucus

74 <400> SEQUENCE: 4

```

75   gaagaccgct ggcggcaggg ctgacacatg caagtgcagc gcaccttcgg gtgagcggcg 60
76   gacgggtagg taacgcgtgg gaacgtacct agatctcgcg aatagccact ggaaacgggt 120
77   agtaataccg catagccctt tcgggggaaa gatttatcgg atttgatcg gcccgcggtt 180
78   gattagatag ttggtggggg aatggcctac caagtctacg atctatagct ggttttagag 240
79   gatgatcagc aacactggga ctgagacacg gccagactc ctacgggagg cagcagtggg 300
80   gaatcttgga caatgggcgc aagcctgatc cagccatgcc gcgtgagtga tgaaggccct 360
81   agggtcgtaa agctctttcg ccagggaaga taatgacggt acctggtaaa gaaaccccg 420
82   ctaactccgt gccagcagcc gcggtataac ggaggggggt agcgttggtc ggaattactg 480
83   ggcgtaaaag gcgcgtaggc ggactattaa gtcgaggggt aaatcccggg gctcaacccc 540
84   ggaactgcct tcgatactgg tagtcttgag gtcgagagag gtgagtggaa ctccgagtgt 600
85   agaggtgaaa ttcgtagata ttcggaagaa caccagtggc gaaggcggt cactgggtcg 660
86   atactgacgc tgaggtgcga aagtgtgggg agcaaacagg attagatacc ctggtagtcc 720
87   acaccgtaaa cgatgaatgc cagtcgtcgg gtagcatgct attcgtgac acacctaacg 780
88   gattaagcat tccgcctggg gagtacgggt gcaagattaa aactcaaagg aattgacggg 840
89   ggcccgcaca agcgggtggg catgtgggtt aattcgaagc aacgcgcaga accttacc 900
90   ccttgacat cccgtgaccg ctggagagat ccagtttccc ttcggggcac ggtgacaggt 960
91   gctgcatggc tgcgtcagc tcgtgtcgtg agatgttcgg ttaagtcagg caacgagcgc 1020
92   aactcacacc cttagttgcc agcctttagt gggcactcta ggggaactgc ccgtgataag 1080
93   cgggaggaag gtgtggatga cgtcaagtc tcatggccct tacgggttg gctacacacg 1140
94   tgctacaatg gcactacag tgggttaatc ccaaaaagat gtctcagttc ggattgtcgt 1200
95   ctgcaactcg acggcatgaa gtcggaatcg ctagtaatcg cgtaacagca tgacgcgggt 1260
96   aatacgttcc cgggccttgt acacaccgcc cgtcacacca tgggagttgg gtctaccgga 1320

```


RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/527,076

DATE: 07/14/2006

TIME: 14:51:11

Input Set : N:\CrF4\Refhold\10_folder\J527076.raw

Output Set: N:\CRF4\07142006\J527076.raw

```

148      ctgacgctca                                     730
150 <210> SEQ ID NO: 7
151 <211> LENGTH: 689
152 <212> TYPE: DNA
153 <213> ORGANISM: Bacterium-16S rDNA of unknown species of bacterium from Negev soil
154 <400> SEQUENCE: 7
155      cccccagtct gattcccacc gtggttaagcg ccttccttac ggtaggcta cctacttctg      60
156      gtgaaaccca ctcccatggg gtgacgggag gtgtgtacaa gacccgggaa cgtattcacc      120
157      gcgacattct gatcccgat tactagcgat tccgacttca cgcagtcgag ttgcagactg      180
158      cgatccggac tacgatcggg tttctgagat tggctcccc tcgcggttg gcgaccctct      240
159      gtcccaccca ttgtatgacg tgtgaagccc taccataag ggccatgagg acttgacgcc      300
160      atccccacct tctccgggtt tgtcacccgc agtctcatta gagtgtcttt gcgtagcaac      360
161      taatgacaag ggttgcgctc gttgcgggac ttaacccaac atctcacgac acgagctgac      420
162      gacagccatg cagcacctgt gttccggctc tcttgcgagc acggccaaat ctcttcgggt      480
163      ttccagatat gtcaagggtg ggttaagggtt ttccggttgc atcgaattaa tccacatcat      540
164      ccaccgcttg tgcgggtccc cgtcaattcc tttgagtttt aatcttgcga ccgtactccc      600
165      caggcggtca acttcacgcg ttagctgcgc tactaaggcc taacggcccc aacagctagt      660
166      tgacatcggt tagggcgtgg actaccagg                                     689
168 <210> SEQ ID NO: 8
169 <211> LENGTH: 651
170 <212> TYPE: DNA
171 <213> ORGANISM: Bacterium-16S rDNA of unknown species of bacterium from Negev soil
172 <400> SEQUENCE: 8
173      ggatgaacgc tggcggcagg cctaacacat gcaagtcgag cggtagagag aagcttgctt      60
174      ctcttgagag cggcggacgg gtgagtaatg cctaggaatc tgcctggtag tgggggataa      120
175      cggttcggaaa cggagcgtaa taccgcatac gtcctacggg agaaagcagg ggaccttcgg      180
176      gccttgcgct atcagatgag cctaggtcgg attagctagt tgggtgggta atggctcacc      240
177      aaggcgacga tccgtaactg gtctgagagg atgatcagtc aactggaac tgagacacgg      300
178      tccagactcc tacgggaggc agcagtgagg aatattggac aatgggcgaa agcctgatcc      360
179      agccatgccg cgtgtgtgaa gaaggtcttc ggattgtaaa gcactttaag ttgggaggaa      420
180      ggggtgtaga ttaatactct gcaattttga cgttaccgac agaataagca ccggctaact      480
181      ctgtgccagc agccgcggta atacagaggg tgcaagcggt aatcggaatt actgggcgta      540
182      aagcgcgcgt aggtggttag ttaaagttgg gatgtgaaat ccccgggctc aaccctggga      600
183      actgcattca aaactgactg actaggggtat ggtagagggt ggtggaattt c      651
185 <210> SEQ ID NO: 9
186 <211> LENGTH: 686
187 <212> TYPE: DNA
188 <213> ORGANISM: Bacterium-16S rDNA of unknown species of bacterium from Negev soil
189 <400> SEQUENCE: 9
190      cccccagtca tgattacacc gtggttaaccg tctcccgaa ggtagacta gctacttctg      60
191      gtgcaaccca ctcccatggg gtgacgggag gtgtgtacaa ggcccgggaa cgtattcacc      120
192      gcgacattct gattcgcgat tactagcgat tccgacttca cgcagtcgag ttgcagactg      180
193      cgatccggac tacgatcggg tttgtgggat tagctccacc tcgcggttg gcaaccctct      240
194      gtaccgacca ttgtagcacg tgtgtagccc aggcgctaag ggccatgatg acttgacgtc      300
195      atccccacct tctccgggtt tgtcacccgc agtctcctta gagtgccac cattacgtgc      360
196      tggttaactaa ggacaagggt tgcgtcgtt acgggactta acccaacatc tcacgacacg      420
197      agctgacgac agccatgcag cactgtctc aatgttcccg aaggcaccaa tctatctcta      480
198      gaaagttcat tggatgtcaa ggcctggtaa ggttcttcgc gttgttcga attaaaccac      540
199      atgctccacc gcttgtgcgg gcccccgtca attcatttga gttttaacct tgcggccgta      600

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/527,076

DATE: 07/14/2006

TIME: 14:51:11

Input Set : N:\Crf4\Refhold\10_folder\J527076.raw

Output Set: N:\CRF4\07142006\J527076.raw

200	ctccccaggc ggtcaactta atgcgtagc tgcgccacta agagctcaag gctcccaacg	660
201	gctagttgac atcgtttacg gcgtgg	686

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/14/2006
 PATENT APPLICATION: US/10/527,076 TIME: 14:51:12

Input Set : N:\Crf4\Refhold\10_folder\J527076.raw
 Output Set: N:\CRF4\07142006\J527076.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3
 Seq#:3; Line(s) 43
 Seq#:4; Line(s) 73
 Seq#:5; Line(s) 103
 Seq#:6; Line(s) 134
 Seq#:7; Line(s) 153
 Seq#:8; Line(s) 171
 Seq#:9; Line(s) 188

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/527,076

DATE: 07/14/2006

TIME: 14:51:12

Input Set : N:\Crf4\Refhold\10_folder\J527076.raw

Output Set: N:\CRF4\07142006\J527076.raw